

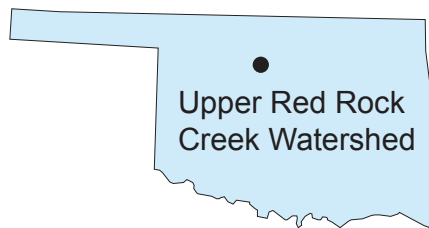
Watershed Operations

October 2009

Upper Red Rock Creek Watershed, Dam No. 42, Oklahoma

Introduction

The Upper Red Rock Creek Watershed is located in Garfield, Noble, Kay, and Grant Counties, Oklahoma. This watershed repair project will create or save jobs during the construction period.



Upper Red Rock Creek Watershed Dam No. 42 is located in Garfield County, Oklahoma.

Project Description

- **Location:** Garfield County, 3rd Congressional District
- **Federal Funding:** \$85,000

This project will repair the deteriorated pipe that runs through the dam. If not repaired, the pipe could collapse, which could result in dam failure.

Partners

- USDA, Natural Resources Conservation Service
- Garfield County Conservation District
- Oklahoma Conservation Commission

Benefits

By repairing Dam No. 42, a potential dam failure can be avoided and the flood control benefits provided by the dam continued for many years. By maintaining the dam's flood control features, adverse environmental impacts to water quality, fertile floodplain soils, and infrastructure will be avoided. This project ensures that \$8,015 in average annual flood damage reduction benefits will continue into the future.

Funded through the American Recovery and Reinvestment Act (ARRA) of 2009, this project is part of the Obama Administration's plans to modernize the nation's infrastructure, jump-start the economy, and create jobs. NRCS is using Recovery Act dollars to update aging flood control structures, protect and maintain water supplies, improve water quality, reduce soil erosion, enhance fish and wildlife habitat, and restore wetlands. NRCS acquires easements and restores floodplains to safeguard lives and property in areas along streams and rivers that have experienced flooding.



Upon inspection, it is determined that repairs are needed at Dam No. 42.

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Economic Opportunities

Construction of the project will provide jobs for heavy equipment operators, job foremen, and other construction personnel and subcontractors. Local businesses and suppliers will also benefit.

Statewide Perspective

Upper Red Rock Dam No. 42, 1 of 43 dams in the 197,376-acre watershed, is part of a vital network of 2,105 dams in 121 NRCS-assisted watershed projects in Oklahoma. These dams make up a \$2 billion infrastructure and provide \$75 million in annual flood-protection benefits.

For More Information

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Phone: 405-742-1204
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This repair project involves replacing the corrugated metal pipe inlet structure and the principal spillway conduit.

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